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the first three or four leaves on the new shoots bear thorns in their axils, the rest having only a single bud, which develops into a branch the following spring, while upon each side of the thorns are the supernumerary buds from which two shoots arise.

Plantago pusilla, Nutt.—This little plant I have noticed more frequently the past Spring than ever before; by roadsides in sandy soil and in grass fields as loamy as any of our lands they grow by the thousand—more abundantly, I think, than any other species of the genus. I must believe that botanists as well as others have overlooked it on account of its minute size.

Additions to Suffolk Co. Catalogue.—Thus far this season, Mr. Miller and I have added to our list the following species: *Spergula subulata*, *Salix discolor*, *Menispermum Canadense*, *Bromus racemosus*, *B. mollis*, *B. sterilis* (distinct from *B. tectorum*), *Trisetum palustre*, *Eutonia Pennsylvanica*, *Festuca nutans*, *Carex utriculata*, *C. sublata*, (dwarf form), *Erodium cicutarium*, *Crataegus tomentosa*, *Cardamine hirsuta*, var. *sylvatica*.

H. W. YOUNG.

AQUEBOGUE, Aug. 4.

§106. Additions to the Bryology of the United States, by Chas. Mohr.

NO. III.

Description of two new Musci from the Pacific coast of the United States.

Lately I have come into possession of fine specimens of the *Hypnum pseudo-sericeum*, C. Müller, mentioned as new from Oregon in the January number of the Bulletin, but too incomplete to allow the proper delineation of its characters. The author of the species has drawn the following description from fertile specimens of great perfection which I was enabled to forward to him.

1, *Hypnum* (*Homalothecium*) **pseudo-sericeum**, C. Müller, *n.sp.* Dioicum; laxe cæspitosum *procumbens vage ramosum pallide lutescens flexuosum flaccidum*, sericeum *ramulis breviusculis apice breviter cuspidato curvatis turgidulis mollibus*; folia *caulina* laxa conferta, madore patula, e basi paulisper decurrente rotundata vix impressa anguste vel latius lanceolata in acumen longiusculum acutatum denticulatum, sæpius semitortum cuspidata, *irregulariter et indistincte sulcata*, profunde concava, margine e basi ultra medium valde revoluta remote et obsolete denticulata, nervo angusto in acumine dissoluto, cellulis ubique pallidis incrassatis angustissimis linearibus striatulis; perich. externa minora ligulate ovata obtusata, interna a basi late vaginata laxa elongate reticulata pallidissima tenerima flaccidissima sensim in acumen valde elongatum denticulatum angustius sed elongate reticulatum protracta erecto-patula enervia; *theca in pedunculo perbrevis* rubente sæpius valde flexuoso supra basin infimam valde tuberculosa erectiuscula vel vix inclinata subito arcuata cylindrica glabra badia, ore constricto brunea, calyptra firma truncatula levi; perist. d. ext. robusti rubiginosi valde cristate trabeculati albide limbati, int. in membrana lutea tenera valde reticulata, ciliis singulis vel binis.

Ab *Hypno sericeo* proximo criteriis accuratius laudatis jam certe distine'um pulcherimum.

Patria, Oregon, ubi Rev. R. D. Nevius secus Portland primum legit, vere, 1873.

This beautiful Homalothecium seems to be quite frequent in Oregon. In every lot of mosses received from different localities in the eastern part of the State specimens of it have been found mixed with *Neckera Menziesii*, *Mnium Menziesii*, undoubtedly growing with those mosses on rich ground or upon moss-clad rocks in shady places.

2, *Bryum Atwateriæ*, C. Müller, *n. spec.*, *Bryum alpinum* similimum, e lutescenti-viridi purpurascens, robustum, strictum, ramis longiusculis obtusatis uncialibus; folia caulina dense imbricata madore vix patula, e basi angustiori latiuscule ovata ligulate obtusata, profunde cochleariformia concava apice subcucullata, margine e basi usque ad medium vel ultra valde revoluta integerrima, firma, nervo e basi longe fibroso crasso flavido ante apicem evanido cellulis ubique firmis pulchre lutescentibus parvis et inanibus basi infima rectangularibus vel hexagonis laxioribus hic illic purpurascens.

Patria, California, prope Yosemite Falls, in terra saxosa. Mrs. E. Atwater leg. æst., 1873.

About the particular habitat of this rare moss the discoverer makes the following remarks, which might serve a future visitor interested in botany to find more and *fructiferous* specimens:

"It was found at the foot of a tree on the rocky ground at the foot of the fall, where it was only temporarily the recipient of the spray from the same, when the wind was in a favorable direction. Earlier in the season, at a higher stage of the water, the locality would doubtless have received constant moisture from this source."

§ 107. Publications.—1. *Report of the Botanist*, Charles H. Peck, published April, 1874, in advance of the Twenty-sixth Annual Report on the New York State Museum of Natural History for the year 1872. The industrious State Botanist here continues his contributions to the Fungology of the State, and makes some interesting observations in regard to some of the higher plants. Twelve of the latter, including two *Charas*, are reported new to the State, six of the twelve from Long Island, and heretofore mentioned in the BULLETIN, are to be found in Miller & Young's Catalogue. The others are: *Pycnanthemum pilosum*, Nutt., Wayne Co.; *Asplenium montanum*, Willd., Ulster Co., and the two *Charas*, *C. hispida*, *C. Hedwigii*, introduced; *Torilis anthriscus*, Gaert., Buffalo; *Chenopodium polyspermum*, L., Onondaga County. We notice that Mr. Gerard's *Peziza chrysophthalma* has again met with a typographical misfortune.—2. *Transactions of the Massachusetts Horticultural Society* for the year 1874, Part I.; devoted to Discussions on various subjects connected with Horticulture, in which the Orchids have a large and interesting share.—3. *Psyche*, Organ of the Cambridge Entomological Club, edited by B. Pickman Mann, Nos. I. to IV., May to August. Each No. will contain at least four pages, price one dollar a year. This little periodical follows the example of our BULLETIN, beginning on a small scale, intending to take root and grow. The first No. con-